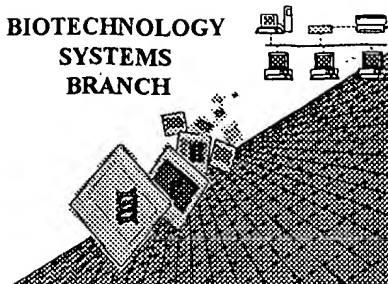


RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/980,758
Source: Pcr/09
Date Processed by STIC: 12/21/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by the treatment given to all mail coming via the Brentwood Mail Facility.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom, including:

1. EFS-Bio (<http://www.uspto.gov/ebs/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)

2. U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202

3. Hand Carry directly to:

U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
1911 South Clark Street, Crystal Mall One, Sequence Information, Arlington, VA 22202

Or

U.S. Patent and Trademark Office, 2011 South Clark Place, Customer Window, Box Sequence, Crystal Plaza Two,
Lobby, Room 1B03, Arlington, Virginia 22202

4. Federal Express Delivery, 2011 South Clark Street, Crystal Plaza 2, Room 1B03-Mailroom, Box Sequence,
Arlington, VA 22202

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER:

09/980,758

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos
The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length
The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
 Numbering
The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII
The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length
Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
 "bug"
A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences
 (OLD RULES)
Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences
 (NEW RULES)
Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 9 Use of n's or Xaa's
 (NEW RULES)
Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213>
 Response
Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220>
Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
 "bug"
Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n
n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.

PCT09

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/980,758

DATE: 12/21/2001

TIME: 13:16:04

Input Set : A:\14538451.app

Output Set: N:\CRF3\12212001\I980758.raw

pp 1-3

**Does Not Comply
Corrected Diskette Needed**

3 <110> APPLICANT: Fred Hutchinson Cancer Research Center
 4 Roberts, James A
 5 Kelly, Beth L.
 7 <120> TITLE OF INVENTION: METHODS FOR INCREASING PLANT CELL PROLIFERATION BY
 8 FUNCTIONALLY INHIBITING A PLANT CYCLIN INHIBITOR GENE
 10 <130> FILE REFERENCE: 14538A-004510PC
 12 <140> CURRENT APPLICATION NUMBER: US/09/980,758
 13 <141> CURRENT FILING DATE: 2001-11-13
 15 <150> PRIOR APPLICATION NUMBER: 60/134,373
 16 <151> PRIOR FILING DATE: 1999-05-14
 18 <160> NUMBER OF SEQ ID NOS: 22
 20 <170> SOFTWARE: PatentIn Ver. 2.1

ERRORED SEQUENCES

90 <210> SEQ ID NO: 4
 91 <211> LENGTH: 213
 92 <212> TYPE: PRT
 93 <213> ORGANISM: Arabidopsis thaliana
 95 <400> SEQUENCE: 4
 96 Pro Arg Asp Leu Pro Lys Lys Phe Pro Lys Lys Thr Lys Thr Tyr Thr
 97 1 5 10 15
 99 Ser Leu Asp Met Asp Leu Glu Leu Leu Gln Asp Leu Ser Lys Phe Asn
 100 20 25 30
 102 Phe Pro Thr Pro Ile Lys Ile Arg Ser Lys Thr Ser Lys Thr Lys Lys
 103 35 40 45
 105 Asp Glu Gly Asp Asp Asp Glu Asp Asp Leu Arg Cys Ser Thr Pro Thr
 106 50 55 60
 108 Ser Gln Glu His Lys Ile Pro Ala Val Val Asp Ser Pro Pro Pro Pro
 109 65 70 75 80
 111 Pro Arg Lys Pro Arg Pro Pro Pro Ser Ala Pro Ser Ala Thr Ala Ala
 112 85 90 95
 114 Leu Met Ile Arg Ser Cys Lys Arg Lys Leu Leu Val Ser Thr Cys Glu
 115 100 105 110
 117 Ile Ile Met Asn Arg Glu Glu Ile Asp Arg Phe Phe Ser Ser Val Tyr
 118 115 120 125
 120 Asn Glu Thr Ser Thr Thr Ala Lys Arg Arg Arg Ser Tyr Pro Tyr Cys
 121 130 135 140
 E--> 123 Ser Arg Arg Xaa Gly Leu Ile Gln Tyr Leu His Phe Phe Thr Val Leu
 124 145 150 155 160
 E--> 126 Leu Glu Ile Leu Xaa Asn Xaa Leu Ser Val Gly Val Arg Phe Xaa Ile
 127 165 170 175
 E--> 129 Phe Leu Ile Glx Leu Xaa Ile Trp Met Asp Asn Phe Leu Gln Pro Arg
 130 180 185 190
 E--> 132 Ile Leu Ile Ser His Gly Gly Val Asp Val Val Asn Xaa Val Ile Asn
 133 195 200 205

See item 9
 on Ena
 Summary
 Sheet

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/980,758

DATE: 12/21/2001

TIME: 13:16:04

Input Set : A:\14538451.app

Output Set: N:\CRF3\12212001\I980758.raw

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135 Glu Gly Lys Ser Arg
136      210
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162 <211> LENGTH: 203
163 <212> TYPE: PRT
164 <213> ORGANISM: Arabidopsis thaliana
166 <400> SEQUENCE: 6
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168   1          5          10          15
170 Arg Arg Lys Met Glu Glu Glu Val Asp Leu Val Glu Ser Arg Ile Ile
171      20          25          30
173 Leu Ser Pro Cys Val Gln Ala Thr Asn Arg Gly Gly Ile Val Ala Arg
174      35          40          45
176 Asn Ser Ala Gly Ala Ser Glu Thr Ser Val Val Ile Val Arg Arg Arg
177      50          55          60
179 Asp Ser Pro Pro Val Glu Gln Cys Gln Ile Glu Glu Glu Asp Ser
180  65          70          75          80
182 Ser Val Ser Cys Cys Ser Thr Ser Glu Glu Lys Ser Lys Arg Arg Ile
183      85          90          95
185 Glu Phe Val Asp Leu Glu Glu Asn Asn Gly Asp Asp Arg Glu Thr Glu
186      100         105         110
188 Thr Ser Trp Ile Tyr Asp Asp Leu Asn Lys Ser Glu Glu Ser Met Asn
189      115         120         125
191 Met Asp Ser Ser Ser Val Ala Val Glu Asp Val Glu Ser Arg Arg Arg
192      130         135         140
194 Leu Arg Lys Ser Leu His Glu Thr Val Lys Glu Ala Glu Leu Glu Asp
195 145          150          155          160
197 Phe Phe Gln Val Ala Glu Lys Asp Leu Arg Asn Lys Leu Leu Glu Cys
198      165         170         175
200 Ser Met Lys Tyr Asn Phe Asp Phe Glu Lys Asp Glu Pro Leu Gly Gly
201      180         185         190
E--> 203 Gly Arg Tyr Glu Trp Val Lys Leu Asn Pro Xaa
204      195         200
226 <210> SEQ ID NO: 8
227 <211> LENGTH: 209
228 <212> TYPE: PRT
229 <213> ORGANISM: Arabidopsis thaliana
231 <400> SEQUENCE: 8
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233   1          5          10          15
235 Lys Arg Glu Leu Ala Glu Glu Ala Ser Ser Thr Ser Phe Ser Pro Leu
236      20          25          30
238 Lys Lys Thr Lys Leu Asn Asp Ser Ser Asp Ser Ser Pro Asp Ser His
239      35          40          45
241 Asp Val Ile Val Phe Ala Val Ser Ser Ser Ser Val Ala Ser Ser Ala
242      50          55          60
244 Ala Leu Ala Ser Asp Glu Cys Ser Val Thr Ile Gly Gly Glu Glu Ser
245  65          70          75          80
247 Asp Gln Ser Ser Ser Ile Ser Ser Gly Cys Phe Thr Ser Glu Ser Lys

```

dem 9

p. 3

RAW SEQUENCE LISTING

DATE: 12/21/2001

PATENT APPLICATION: US/09/980,758

TIME: 13:16:04

Input Set : A:\14538451.app

Output Set: N:\CRF3\12212001\I980758.raw

248 85 90 95
 250 Glu Ile Ala Lys Asn Ser Ser Ser Phe Gly Val Asp Leu Glu Asp His
 251 100 105 110
 253 Gln Ile Glu Thr Glu Thr Glu Thr Ser Thr Phe Ile Thr Ser Asn Phe
 254 115 120 125
 256 Arg Lys Glu Thr Ser Pro Val Ser Glu Gly Leu Gly Glu Thr Thr Thr
 257 130 135 140
 259 Glu Met Glu Ser Ser Ser Ala Thr Lys Arg Lys Gln Pro Gly Val Arg
 260 145 150 155 160
 262 Lys Thr Pro Thr Ala Ala Glu Ile Glu Asp Leu Phe Ser Glu Leu Glu
 263 165 170 175
 265 Ser Pro Asp Asp Lys Lys Lys Gln Phe Ile Glu Lys Tyr Asn Phe Asp
 266 180 185 190
 268 Ile Val Asn Asp Glu Pro Leu Glu Gly Arg Tyr Lys Trp Asp Arg Leu
 269 195 200 205
 E--> 271 Xaa
 275 <210> SEQ ID NO: 9
 276 <211> LENGTH: 6
 277 <212> TYPE: PRT
 278 <213> ORGANISM: Arabidopsis thaliana
 280 <400> SEQUENCE: 9
 E--> 281 Glu Xaa Xaa Xaa Xaa Phe *item 9*
 282 1 5
 285 <210> SEQ ID NO: 10
 286 <211> LENGTH: 23
 287 <212> TYPE: PRT
 288 <213> ORGANISM: Arabidopsis thaliana *item 9*
 290 <400> SEQUENCE: 10
 E--> 291 Lys Tyr Asn Phe Asp Xaa Xaa Xaa Xaa Xaa Pro Leu Xaa Xaa Gly Arg
 292 1 5 10 15
 E--> 294 Tyr Xaa Trp Xaa Xaa Leu Xaa
 295 20
 334 <210> SEQ ID NO: 14
 335 <211> LENGTH: (27) 28 shown
 336 <212> TYPE: DNA
 337 <213> ORGANISM: Artificial Sequence
 339 <220> FEATURE:
 340 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
 342 <400> SEQUENCE: 14
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 370 <210> SEQ ID NO: 17
 371 <211> LENGTH: (27) 28
 372 <212> TYPE: DNA
 373 <213> ORGANISM: Artificial Sequence
 375 <220> FEATURE:
 376 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
 378 <400> SEQUENCE: 17
 E--> 379 ggtacccgac aacagaaatg gaatcatc 28

VERIFICATION SUMMARY

DATE: 12/21/2001

PATENT APPLICATION: US/09/980,758

TIME: 13:16:05

Input Set : A:\14538451.app

Output Set: N:\CRF3\12212001\I980758.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:123 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:4
M:340 Repeated in SeqNo=4
L:203 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:6
L:271 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:8
L:281 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:9
L:291 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:10
M:340 Repeated in SeqNo=10
L:343 M:252 E: No. of Seq. differs, <211>LENGTH:Input:27 Found:28 SEQ:14
L:379 M:252 E: No. of Seq. differs, <211>LENGTH:Input:27 Found:28 SEQ:17